



**THE PORT AUTHORITY
OF NY & NJ**

Robert L. Sweeney
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

Engineering Department
Design Division

**The World Trade
Center
Electrical/HVAC
Upgrade Program**

Title
**TOWER ONE AND TWO
LOW VOLTAGE
SUBSTATIONS
CONSTRUCTION AND
INSTALLATION**

**ELECTRICAL
SUBSTATION SS-75S
STAGE III
LIGHTING POWER &
FIRE ALARM PLAN**

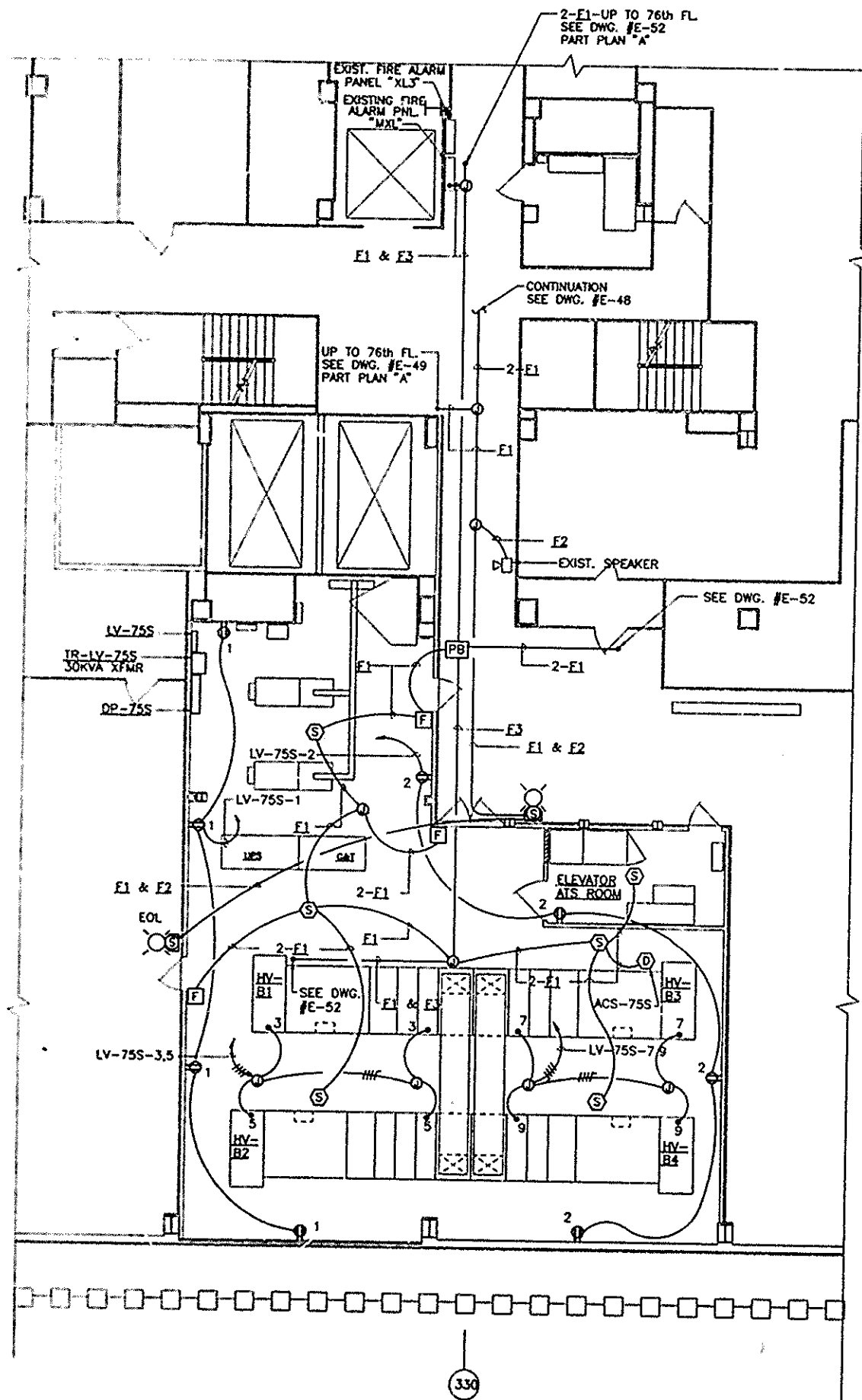
No.	Date	Revision	Approved
1	6/21/95	1	ROYZMAN / FISCHER
2	8/15/95	1	ROYZMAN / FISCHER

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

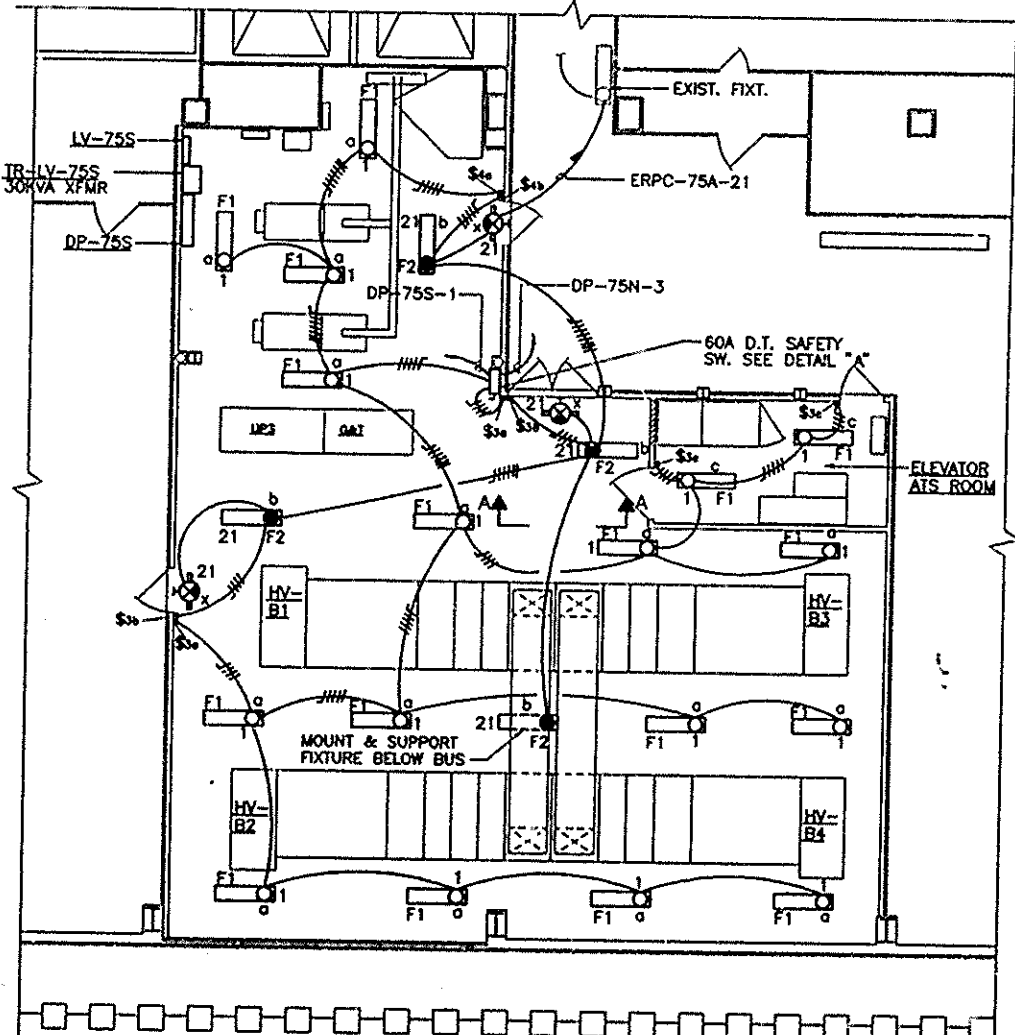
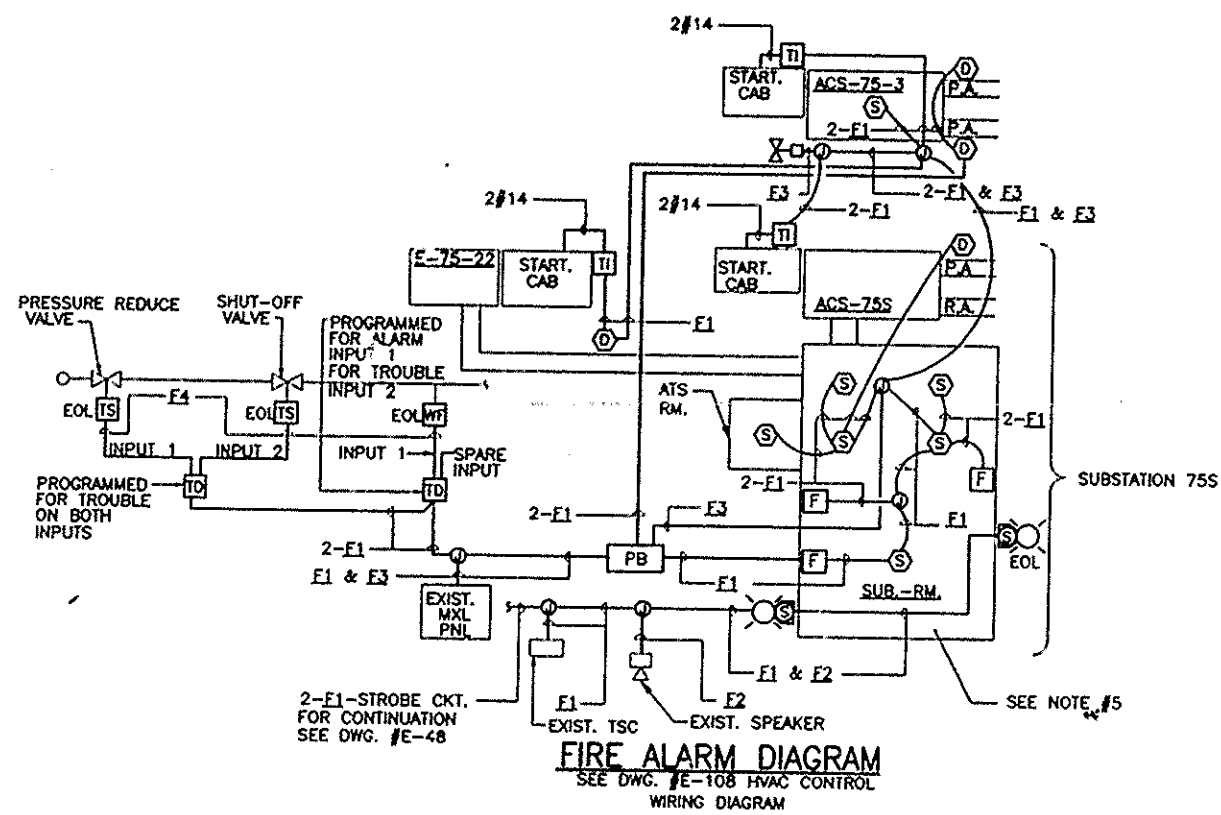
Designed by: ROYZMAN / FISCHER
Drawn by: ROYZMAN / FISCHER
Checked by: A.C.
Date: 5-1-95
Scale: AS NOTED
Contract Number: WTC 802.071
Drawing Number: E-62

NOTES

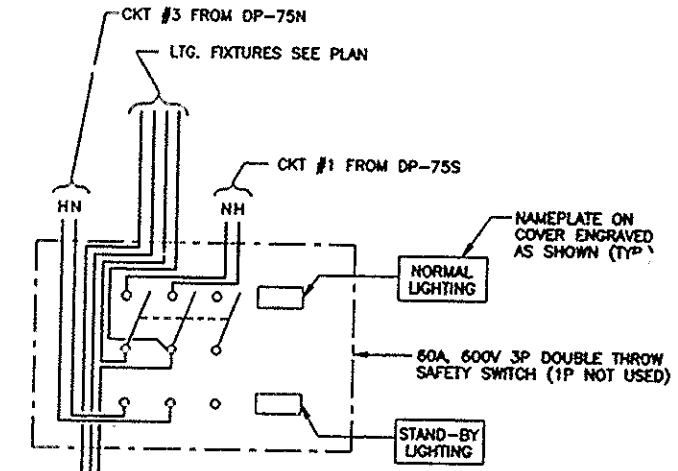
- FOR LEGEND SEE DRAWING #E-1.
FOR GENERAL NOTES, ABBREVIATIONS AND LIGHTING FIXTURE SCHEDULE SEE DRAWING #E-2.
- FOR PANEL DP-75S AND LV-75S SCHEDULES SEE DRAWING #E-101.
- MOUNT EXIT LIGHT SUCH THAT BOTTOM EDGE OF FIXTURE IS 12" ABOVE TOP OF DOOR.
- IN STAGE I - INSTALL AC UNITS SMOKE DETECTORS WITH ASSOCIATED WIRING.
- IN STAGE III - REMOVE EXISTING SUBSTATION'S AREA SMOKE DETECTORS, PULLSTATIONS, STROBE HORN UNITS (SEE DWG. #E-50); INSTALL NEW AREA SMOKE DETECTORS, PULL STATIONS, STROBE SPEAKER UNITS IN SUBSTATION AND ELEVATOR ATS ROOM.



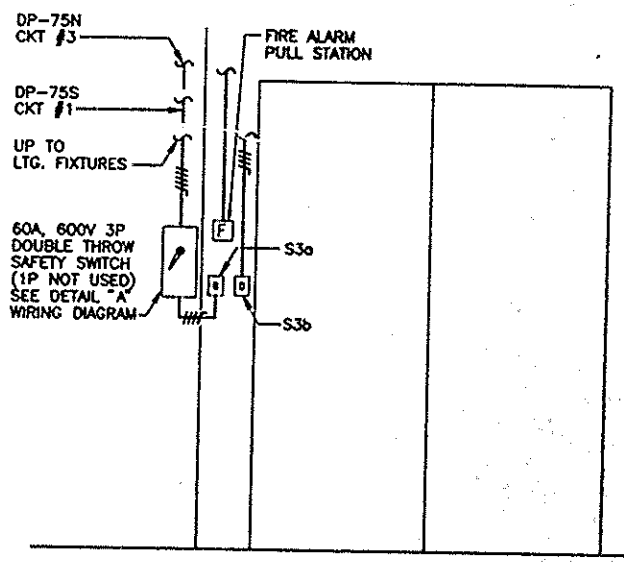
PLAN-SUBSTATION SS-75S
FIRE ALARM PLAN-STAGE I & III, POWER PLAN-STAGE III



PLAN-SUBSTATION SS-75S
LIGHTING PLAN - STAGE III



DETAIL "A"
WIRING DIAGRAM



SECTION A-A

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONTAINED IN THE FORAM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE: 6/21/95
DATE: 8/15/95
SPEC. WRITER: *Robert L. Sweeney*
ENGINEER OF DESIGN: *Robert L. Sweeney*

SCALE IN FEET
0 4 8 12 16